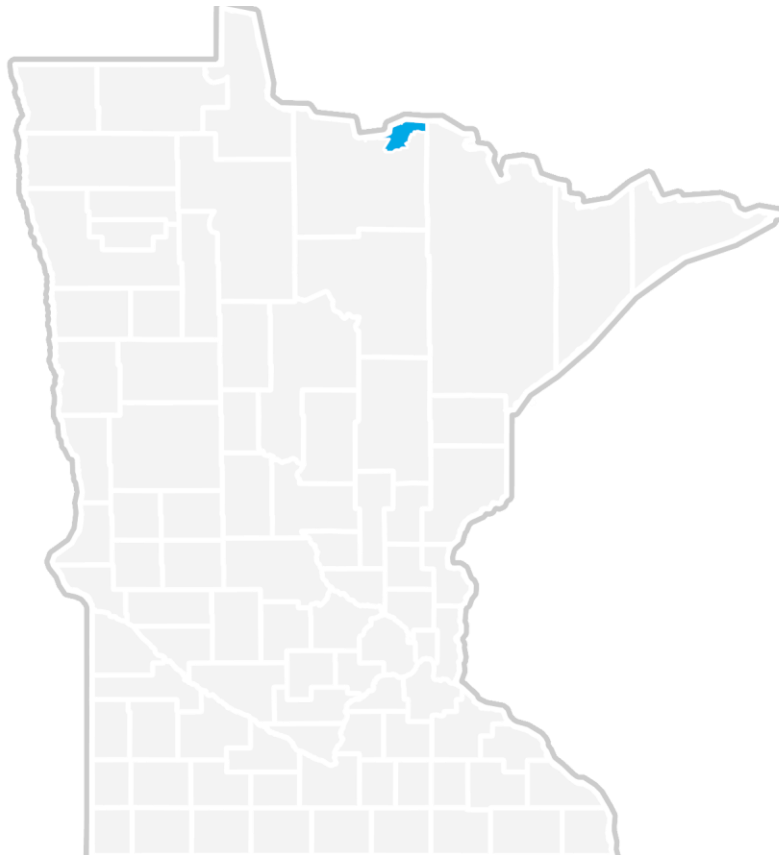




Economic Overview

ZCTA 56649 (Koochiching County, MN portion)



| | |
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Demographic Profile

In 2010, the population in ZCTA 56649 (Koochiching County, MN portion)* was 9,932.

The region has a civilian labor force of 4,972 with a participation rate of 61.5%. Of individuals 25 to 64 in ZCTA 56649 (Koochiching County, MN portion),* 20.9% have a bachelor's degree or higher which compares with 30.5% in the nation.

The median household income in ZCTA 56649 (Koochiching County, MN portion)* is \$42,048 and the median house value is \$104,200.

| Demographic Profile ¹ | | | | | | |
|--|--|-----------|-------|--|-----------|-------------|
| | Percent | | | Value | | |
| | Proxy for ZCTA 56649 (Koochiching County, MN portion)* | Minnesota | USA | Proxy for ZCTA 56649 (Koochiching County, MN portion)* | Minnesota | USA |
| Demographics | | | | | | |
| Population | — | — | — | 9,932 | 5,303,925 | 308,745,538 |
| Median Age ³ | — | — | — | 45.0 | 37.4 | 37.2 |
| Under 18 Years | 21.4% | 24.2% | 24.0% | 2,127 | 1,284,063 | 74,181,467 |
| 18 to 24 Years | 7.4% | 9.5% | 9.9% | 731 | 502,799 | 30,672,088 |
| 25 to 34 Years | 9.5% | 13.5% | 13.3% | 946 | 715,586 | 41,063,948 |
| 35 to 44 Years | 11.7% | 12.8% | 13.3% | 1,164 | 681,094 | 41,070,606 |
| 45 to 54 Years | 15.9% | 15.2% | 14.6% | 1,576 | 807,898 | 45,006,716 |
| 55 to 64 Years | 15.0% | 11.9% | 11.8% | 1,490 | 629,364 | 36,482,729 |
| 65 to 74 Years | 9.8% | 6.7% | 7.0% | 977 | 354,427 | 21,713,429 |
| 75 Years, and Over | 9.3% | 6.2% | 6.0% | 921 | 328,694 | 18,554,555 |
| Race: White | 94.6% | 85.3% | 72.4% | 9,394 | 4,524,062 | 223,553,265 |
| Race: Black or African American | 0.8% | 5.2% | 12.6% | 75 | 274,412 | 38,929,319 |
| Race: American Indian and Alaska Native | 1.9% | 1.1% | 0.9% | 188 | 60,916 | 2,932,248 |
| Race: Asian | 0.3% | 4.0% | 4.8% | 25 | 214,234 | 14,674,252 |
| Race: Native Hawaiian and Other Pacific Islander | 0.0% | 0.0% | 0.2% | 3 | 2,156 | 540,013 |
| Race: Some Other Race | 0.2% | 1.9% | 6.2% | 22 | 103,000 | 19,107,368 |
| Race: Two or More Races | 2.3% | 2.4% | 2.9% | 225 | 125,145 | 9,009,073 |
| Hispanic or Latino (of any race) | 1.1% | 4.7% | 16.3% | 112 | 250,258 | 50,477,594 |
| Economic | | | | | | |
| Labor Force Participation Rate and Size (civilian population 16 years and over) ⁴ | 61.5% | 70.2% | 63.8% | 4,972 | 2,958,989 | 157,113,886 |
| Armed Forces Labor Force ⁴ | 0.0% | 0.1% | 0.4% | 0 | 2,487 | 1,083,691 |
| Veterans, Age 18-64 ⁴ | 5.8% | 5.8% | 6.2% | 339 | 195,510 | 11,977,656 |
| Median Household Income ^{3,4} | — | — | — | \$42,048 | \$59,836 | \$53,046 |
| Poverty Level (of all people) ⁴ | 14.1% | 11.5% | 15.4% | 1,368 | 598,391 | 46,663,433 |
| Mean Commute Time (minutes) ⁴ | — | — | — | 14.0 | 22.9 | 25.5 |

| Demographic Profile ¹ | | | | | | |
|---|--|-----------|-------|--|-----------|-------------|
| | Percent | | | Value | | |
| | Proxy for ZCTA 56649 (Koochiching County, MN portion)* | Minnesota | USA | Proxy for ZCTA 56649 (Koochiching County, MN portion)* | Minnesota | USA |
| Commute via Public Transportation ⁴ | 1.8% | 3.4% | 5.0% | 81 | 92,680 | 7,000,722 |
| Union Membership ⁵ | — | 14.1% | 11.1% | — | — | — |
| Housing | | | | | | |
| Total Housing Units ⁴ | — | — | — | 5,400 | 2,353,932 | 132,057,804 |
| Median House Value (of owner-occupied units) ^{3,4} | — | — | — | \$104,200 | \$187,900 | \$176,700 |
| Homeowner Vacancy ⁴ | 2.8% | 1.6% | 2.2% | 99 | 24,575 | 1,682,020 |
| Rental Vacancy ⁴ | 2.4% | 4.9% | 7.3% | 29 | 30,186 | 3,230,123 |
| Renter-Occupied Housing Units (% of Occupied Units) ⁴ | 25.4% | 27.5% | 35.1% | 1,163 | 578,960 | 40,534,516 |
| Occupied Housing Units with No Vehicle Available (% of Occupied Units) ⁴ | 10.6% | 7.1% | 9.1% | 483 | 149,666 | 10,483,077 |
| Social | | | | | | |
| No High School Diploma (educational attainment, age 25-64) ⁴ | 7.4% | 6.2% | 12.2% | 383 | 177,706 | 20,081,351 |
| High School Graduate (educational attainment, age 25-64) ⁴ | 33.7% | 23.9% | 26.7% | 1,748 | 681,368 | 43,924,394 |
| Some College, No Degree (educational attainment, age 25-64) ⁴ | 28.0% | 23.1% | 22.0% | 1,450 | 659,711 | 36,266,398 |
| Associate's Degree (educational attainment, age 25-64) ⁴ | 10.0% | 11.7% | 8.6% | 517 | 334,011 | 14,216,331 |
| Bachelor's Degree (educational attainment, age 25-64) ⁴ | 18.8% | 23.9% | 19.5% | 973 | 682,593 | 32,105,737 |
| Postgraduate Degree (educational attainment, age 25-64) ⁴ | 2.2% | 11.1% | 11.0% | 113 | 318,075 | 18,142,599 |
| Enrolled in Grade 12 (% of total population) ⁴ | 1.3% | 1.5% | 1.4% | 125 | 80,464 | 4,496,472 |
| Disabled, Age 18-64 ⁴ | 13.7% | 8.2% | 10.1% | 803 | 272,630 | 19,403,946 |
| Foreign Born ⁴ | 5.8% | 7.3% | 12.9% | 572 | 392,037 | 40,341,898 |
| Speak English Less Than Very Well (population 5 yrs and over) ⁴ | 0.4% | 4.3% | 8.6% | 33 | 212,464 | 25,148,900 |

Source: [JobsEQ®](#)

1. Census 2010, unless noted otherwise

2. Census 2013, annual average growth rate since 2003

3. Median values for certain aggregate regions (such as MSAs) may be estimated as the weighted averages of the median values from the composing counties.

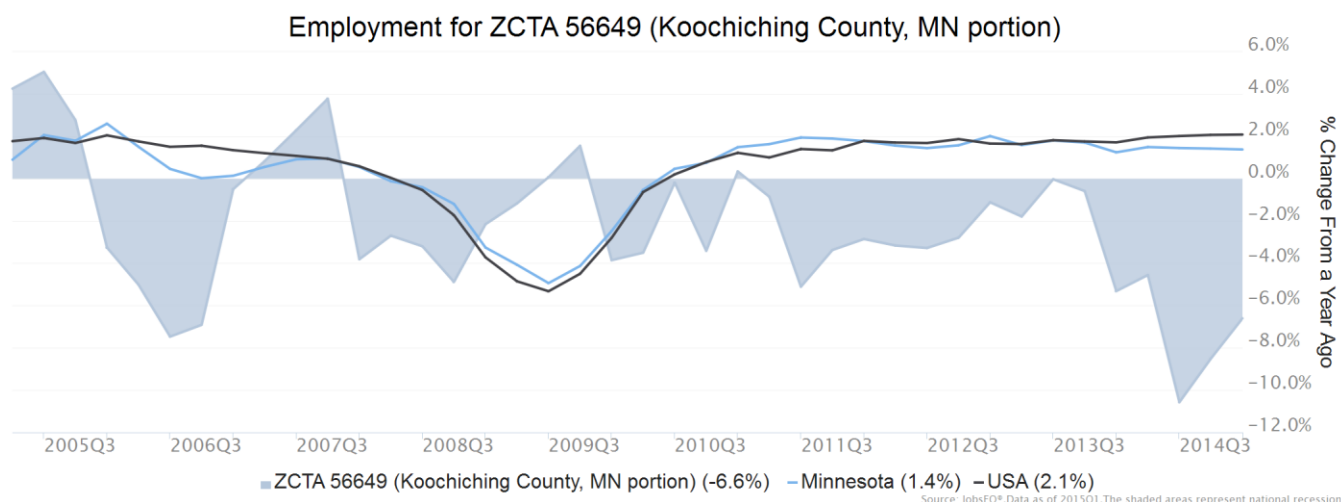
4. ACS 2009-2013

5. 2013; Current Population Survey, unionstats.com, and Chmura

* This user-defined region contains one or more partial ZCTA areas. Any such partial ZCTA within this region definition has been replaced by the full ZCTA for purposes of being described via the above data.

Employment Trends

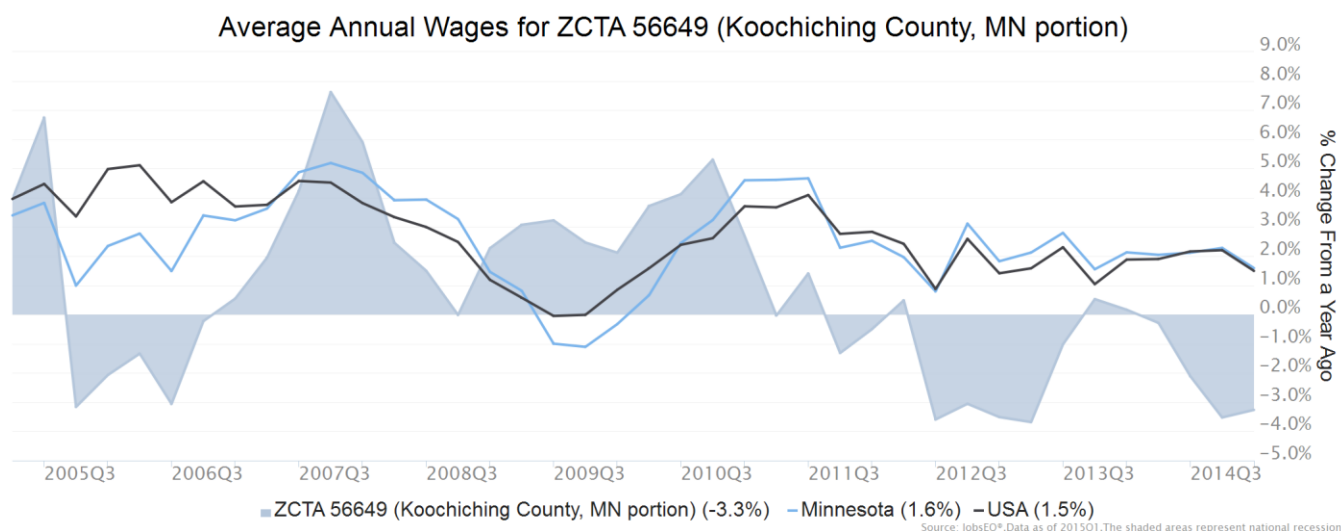
As of 2015Q1, total employment for ZCTA 56649 (Koochiching County, MN portion) was 3,525 (based on a four-quarter moving average). Over the year ending 2015Q1, employment declined 6.6% in the region.



Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2014Q3 with preliminary estimates updated to 2015Q1.

Wage Trends

The average worker in ZCTA 56649 (Koochiching County, MN portion) earned annual wages of \$37,131 as of 2015Q1. Average annual wages per worker decreased 3.3% in the region during the preceding four quarters. For comparison purposes, annual average wages were \$51,050 in the nation as of 2015Q1.



Annual average wages per worker data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2014Q3 with preliminary estimates updated to 2015Q1.

Cost of Living Index

The Cost of Living Index estimates the relative price levels for consumer goods and services. When applied to wages and salaries, the result is a measure of relative purchasing power. The cost of living is 9.5% lower in ZCTA 56649 (Koochiching County, MN portion) than the U.S. average.

| Cost of Living Information | | | |
|---|-----------------------|-----------------------------------|---------------------|
| | Annual Average Salary | Cost of Living Index (Base US) | US Purchasing Power |
| ZCTA 56649 (Koochiching County, MN portion) | \$37,131 | 90.5 | \$41,008 |
| Minnesota | \$51,361 | 105.2 | \$48,844 |
| USA | \$51,050 | 100.0 | \$51,050 |

Source: [JobsEQ®](#)

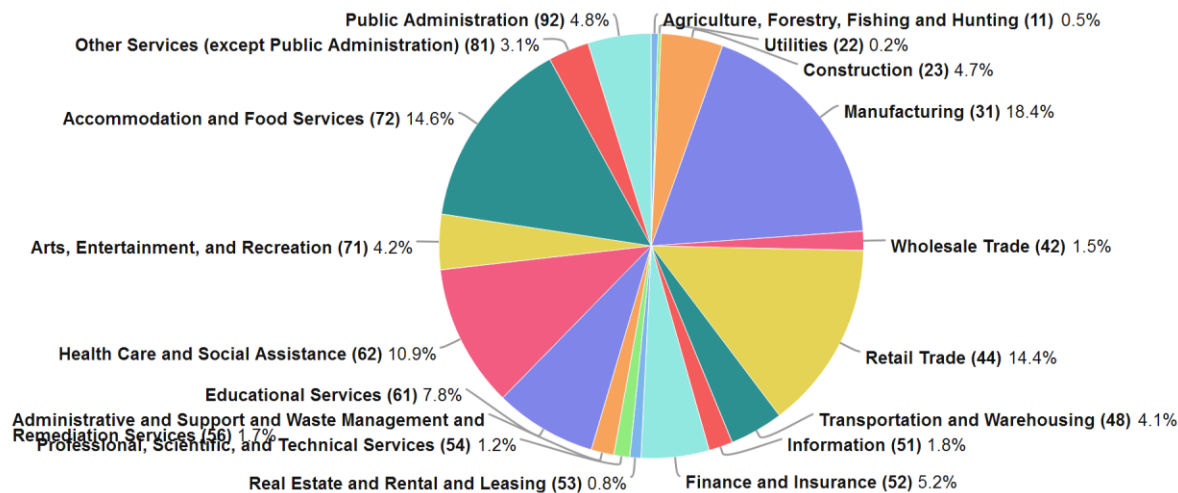
Data as of 2015Q1

The Cost of Living Index is developed by Chmura Economics & Analytics and is updated quarterly.

Industry Snapshot

The largest sector in ZCTA 56649 (Koochiching County, MN portion) is Manufacturing, employing 650 workers. The next-largest sectors in the region are Accommodation and Food Services (516 workers) and Retail Trade (506). High location quotients (LQs) indicate sectors in which a region has high concentrations of employment compared to the national average. The sectors with the largest LQs in the region are Arts, Entertainment, and Recreation (LQ = 2.32), Manufacturing (2.07), and Accommodation and Food Services (1.59).

Total Workers for ZCTA 56649 (Koochiching County, MN portion) by Industry



Source: JobsEQ®, Data as of 2015Q1

Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2014Q3 with preliminary estimates updated to 2015Q1.

Sectors in ZCTA 56649 (Koochiching County, MN portion) with the highest average wages per worker are Utilities (\$81,693), Manufacturing (\$70,174), and Public Administration (\$47,448). Regional sectors with the best job growth (or most moderate job losses) over the last 5 years are Accommodation and Food Services (+52 jobs), Arts, Entertainment, and Recreation (+38), and Transportation and Warehousing (+35).

Over the next 10 years, employment in ZCTA 56649 (Koochiching County, MN portion) is projected to contract by 62 jobs. The fastest growing sector in the region is expected to be Construction with a +1.8% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Health Care and Social Assistance (+66 jobs), Construction (+33), and Administrative and Support and Waste Management and Remediation Services (+9).

| | | Current | | | Historical | | | | Forecast | | |
|-------|--|----------------------------------|-------------------|-------------------|------------------------------------|---|-----------|-------|--------------------------|---------------------|----------------------------|
| | | Four Quarters Ending with 2015q1 | | | Total Change over the Last 5 Years | Average Annual % Change in Employment 2010q1-2015q1 | | | Over the Next 10 Years | | |
| NAICS | Industry | Empl | Avg. Annual Wages | Location Quotient | Empl | ZCTA 56649 (Koochiching County, MN portion) | Minnesota | USA | Total Approx Repl Demand | Total Growth Demand | Avg. Annual Growth Percent |
| 11 | Agriculture, Forestry, Fishing and Hunting | 19 | \$43,717 | 0.58 | -7 | -6.1% | 2.5% | 1.5% | 6 | -3 | -1.8% |
| 22 | Utilities | 8 | \$81,693 | 0.37 | -2 | -4.1% | 0.5% | -0.4% | 2 | -1 | -2.1% |
| 23 | Construction | 166 | \$47,001 | 1.02 | 13 | 1.6% | 3.3% | 1.4% | 35 | 33 | 1.8% |
| 31 | Manufacturing | 650 | \$70,174 | 2.07 | -284 | -7.0% | 1.3% | 1.1% | 138 | -107 | -1.8% |
| 42 | Wholesale Trade | 52 | \$29,440 | 0.34 | 14 | 6.8% | 1.2% | 1.2% | 11 | 0 | -0.1% |
| 44 | Retail Trade | 506 | \$21,380 | 1.27 | -11 | -0.4% | 0.8% | 1.3% | 155 | -10 | -0.2% |
| 48 | Transportation and Warehousing | 144 | \$34,186 | 1.05 | 35 | 5.8% | 0.7% | 1.5% | 37 | -4 | -0.3% |
| 51 | Information | 65 | \$31,546 | 0.87 | -28 | -6.9% | -0.6% | -0.2% | 14 | -11 | -1.8% |
| 52 | Finance and Insurance | 182 | \$34,799 | 1.25 | -116 | -9.4% | 0.4% | 0.3% | 42 | -7 | -0.4% |
| 53 | Real Estate and Rental and Leasing | 30 | \$12,109 | 0.55 | -8 | -4.6% | 1.7% | 1.0% | 7 | 2 | 0.6% |
| 54 | Professional, Scientific, and Technical Services | 43 | \$32,811 | 0.19 | -13 | -5.1% | 2.9% | 2.6% | 9 | 3 | 0.8% |
| 56 | Administrative and Support and Waste Management and Remediation Services | 62 | \$18,417 | 0.28 | -6 | -1.8% | 3.6% | 3.8% | 15 | 9 | 1.3% |
| 61 | Educational Services | 273 | \$33,099 | 0.87 | -52 | -3.4% | 0.3% | 0.2% | 55 | -15 | -0.6% |
| 62 | Health Care and Social Assistance | 383 | \$34,746 | 0.75 | -102 | -4.6% | 1.7% | 2.2% | 79 | 66 | 1.6% |
| 71 | Arts, Entertainment, and Recreation | 148 | \$32,950 | 2.32 | 38 | 6.2% | 0.5% | 1.5% | 46 | 7 | 0.4% |
| 72 | Accommodation and Food Services | 516 | \$11,525 | 1.59 | 52 | 2.1% | 1.5% | 2.7% | 181 | 9 | 0.2% |
| 81 | Other Services (except Public Administration) | 110 | \$15,951 | 1.00 | -3 | -0.5% | 1.3% | -0.6% | 28 | 3 | 0.3% |
| 92 | Public Administration | 170 | \$47,448 | 0.92 | -187 | -13.8% | 0.5% | -0.7% | 39 | -14 | -0.9% |
| | Total - All Industries | 3,525 | \$37,131 | 1.00 | -666 | -3.4% | 1.4% | 1.5% | 846 | -62 | -0.2% |

Source: [JobsEQ®](#)

Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2014Q3 with preliminary estimates updated to 2015Q1. Forecast employment growth uses national projections adapted for regional growth patterns.

Occupation Snapshot

The largest major occupation group in ZCTA 56649 (Koochiching County, MN portion) is Office and Administrative Support Occupations, employing 500 workers. The next-largest occupation groups in the region are Food Preparation and Serving Related Occupations (435 workers) and Production Occupations (390). High location quotients (LQs) indicate occupation groups in which a region has high concentrations of employment compared to the national average. The major groups with the largest LQs in the region are Production Occupations (LQ = 1.70), Food Preparation and Serving Related Occupations (1.36), and Installation, Maintenance, and Repair Occupations (1.34).

Occupation groups in ZCTA 56649 (Koochiching County, MN portion) with the highest average wages per worker are Management Occupations (\$78,300), Healthcare Practitioners and Technical Occupations (\$69,600), and Architecture and Engineering Occupations (\$66,800). The unemployment rate in the region varied among the major groups from 3.2% among Management Occupations to 12.4% among Food Preparation and Serving Related Occupations.

Over the next 10 years, the fastest growing occupation group in ZCTA 56649 (Koochiching County, MN portion) is expected to be Healthcare Support Occupations with a +1.4% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Construction and Extraction Occupations (+18 jobs) and Healthcare Practitioners and Technical Occupations (+17). Over the same period, the highest replacement demand (occupation demand due to retirements and workers moving from one occupation to another) is expected in Food Preparation and Serving Related Occupations (159 jobs) and Sales and Related Occupations (127).

| Occupation Snapshot in ZCTA 56649 (Koochiching County, MN portion) | | | | | | | | | | | | | |
|--|--|----------------------------------|--------------------------------|------|--------|-------------|------------------------------------|---|-----------|------|------------------------|---------------------|----------------------------|
| | | Current | | | | | Historical | | | | Forecast | | |
| | | Four Quarters Ending with 2015q1 | | | 2015q1 | | Total Change over the Last 5 Years | Avg Ann % Chg in Empl 2010q1-2015q1 | | | Over the Next 10 Years | | |
| SOC | Title | Empl | Avg. Annual Wages ¹ | LQ | Unempl | Unempl Rate | Empl | ZCTA 56649 (Koochiching County, MN portion) | Minnesota | USA | Total Repl Demand | Total Growth Demand | Avg. Annual Growth Percent |
| 11-0000 | Management Occupations | 143 | \$78,300 | 0.81 | 6 | 3.2% | -38 | -4.6% | 1.5% | 1.5% | 33 | -3 | -0.2% |
| 13-0000 | Business and Financial Operations Occupations | 117 | \$52,200 | 0.66 | 7 | 4.5% | -63 | -8.3% | 1.4% | 1.5% | 0 | -3 | -0.3% |
| 15-0000 | Computer and Mathematical Occupations | 35 | \$61,700 | 0.35 | 2 | 4.0% | -21 | -9.0% | 2.0% | 2.4% | 5 | -2 | -0.5% |
| 17-0000 | Architecture and Engineering Occupations | 35 | \$66,800 | 0.57 | 2 | 3.8% | -18 | -7.8% | 1.6% | 1.2% | 8 | -5 | -1.4% |
| 19-0000 | Life, Physical, and Social Science Occupations | 13 | \$57,000 | 0.44 | 1 | 4.8% | -8 | -9.0% | 1.7% | 1.2% | 4 | -1 | -0.6% |
| 21-0000 | Community and Social Service Occupations | 42 | \$44,600 | 0.80 | 3 | 5.4% | -13 | -5.2% | 1.8% | 2.6% | 9 | 3 | 0.6% |
| 23-0000 | Legal Occupations | 18 | \$65,800 | 0.68 | 1 | 3.4% | -10 | -8.6% | -0.1% | 0.1% | 3 | 0 | 0.2% |

| Occupation Snapshot in ZCTA 56649 (Koochiching County, MN portion) | | | | | | | | | | | | | |
|--|--|----------------------------------|--------------------------------|------|--------|-------------|------------------------------------|---|-----------|------|------------------------|---------------------|----------------------------|
| | | Current | | | | | Historical | | | | Forecast | | |
| | | Four Quarters Ending with 2015q1 | | | 2015q1 | | Total Change over the Last 5 Years | Avg Ann % Chg in Empl 2010q1-2015q1 | | | Over the Next 10 Years | | |
| SOC | Title | Empl | Avg. Annual Wages ¹ | LQ | Unempl | Unempl Rate | Empl | ZCTA 56649 (Koochiching County, MN portion) | Minnesota | USA | Total Repl Demand | Total Growth Demand | Avg. Annual Growth Percent |
| 25-0000 | Education, Training, and Library Occupations | 201 | \$47,600 | 0.92 | 19 | 7.3% | -40 | -3.5% | 0.5% | 0.3% | 41 | -7 | -0.4% |
| 27-0000 | Arts, Design, Entertainment, Sports, and Media Occupations | 45 | \$37,000 | 0.97 | 3 | 8.6% | -9 | -3.4% | 0.5% | 1.0% | 14 | -2 | -0.4% |
| 29-0000 | Healthcare Practitioners and Technical Occupations | 159 | \$69,600 | 0.79 | 7 | 3.7% | -45 | -4.9% | 1.3% | 1.3% | 31 | 17 | 1.0% |
| 31-0000 | Healthcare Support Occupations | 84 | \$28,100 | 0.80 | 9 | 7.2% | -35 | -6.8% | 1.5% | 2.0% | 16 | 13 | 1.4% |
| 33-0000 | Protective Service Occupations | 50 | \$38,700 | 0.60 | 5 | 6.1% | -25 | -7.7% | 0.5% | 0.5% | 0 | 0 | 0.0% |
| 35-0000 | Food Preparation and Serving Related Occupations | 435 | \$21,100 | 1.36 | 56 | 12.4% | 45 | 2.2% | 1.4% | 2.5% | 159 | 9 | 0.2% |
| 37-0000 | Building and Grounds Cleaning and Maintenance Occupations | 146 | \$25,600 | 1.24 | 17 | 10.3% | -15 | -1.9% | 1.9% | 0.9% | 33 | 4 | 0.3% |
| 39-0000 | Personal Care and Service Occupations | 134 | \$23,900 | 1.20 | 15 | 10.6% | 6 | 0.9% | 1.9% | 1.7% | 34 | 11 | 0.8% |
| 41-0000 | Sales and Related Occupations | 374 | \$29,600 | 1.01 | 41 | 8.4% | -34 | -1.7% | 0.9% | 1.2% | 127 | -4 | -0.1% |
| 43-0000 | Office and Administrative Support Occupations | 500 | \$31,900 | 0.88 | 53 | 8.2% | -121 | -4.2% | 1.1% | 1.3% | 123 | -24 | -0.5% |
| 45-0000 | Farming, Fishing, and Forestry Occupations | 16 | \$36,200 | 0.67 | 5 | 8.7% | -4 | -4.5% | 2.3% | 1.5% | 4 | -2 | -1.4% |
| 47-0000 | Construction and Extraction Occupations | 131 | \$53,800 | 0.94 | 17 | 11.7% | -12 | -1.8% | 3.1% | 1.6% | 0 | 18 | 1.3% |
| 49-0000 | Installation, Maintenance, and Repair Occupations | 182 | \$46,300 | 1.34 | 13 | 5.6% | -63 | -5.7% | 1.8% | 1.4% | 40 | -9 | -0.5% |
| 51-0000 | Production Occupations | 390 | \$41,500 | 1.70 | 31 | 7.2% | -138 | -5.9% | 1.8% | 1.6% | 80 | -57 | -1.6% |
| 53-0000 | Transportation and Material Moving Occupations | 278 | \$32,800 | 1.17 | 33 | 9.3% | -7 | -0.5% | 1.6% | 1.9% | 61 | -10 | -0.4% |
| 00-0000 | Total - All Occupations | 3,525 | \$38,800 | 1.00 | n/a | n/a | -666 | -3.4% | 1.4% | 1.5% | 0 | -54 | -0.2% |

Source: [JobsEQ®](#)

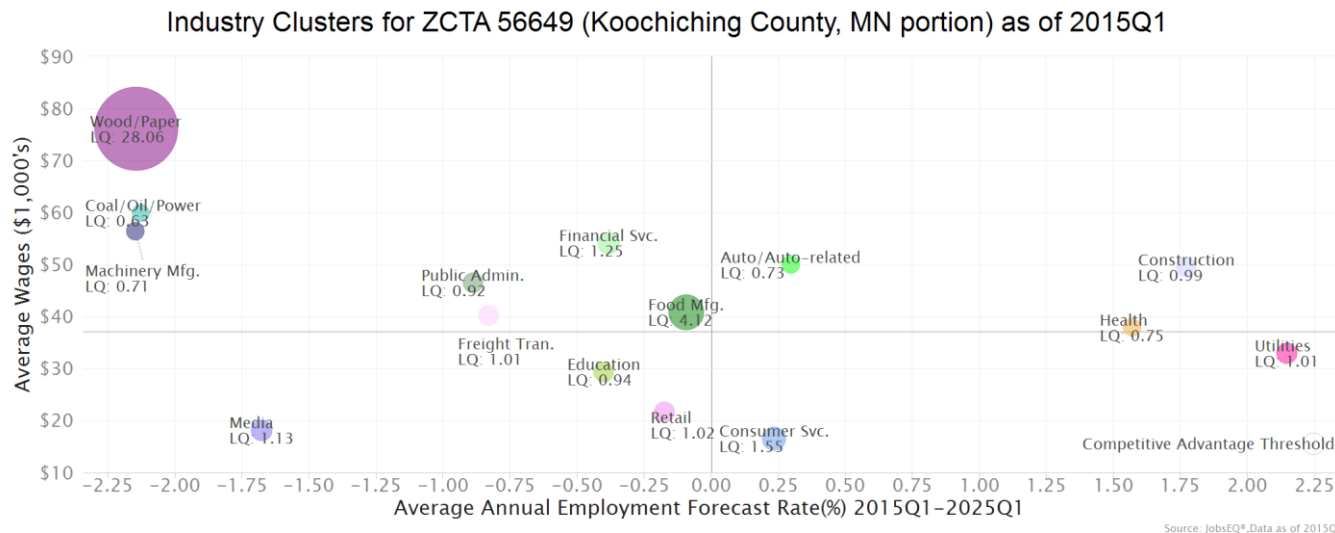
Note: Figures may not sum due to rounding.

1. Occupation wages are as of 2013

Occupation employment data are estimated via industry employment data and the estimated industry/occupation mix. Industry employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2014Q3, imputed where necessary with preliminary estimates updated to 2015Q1. Wages by occupation are as of 2013 provided by the BLS and imputed where necessary. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.

Industry Clusters

A cluster is a geographic concentration of interrelated industries or occupations. The industry cluster in ZCTA 56649 (Koochiching County, MN portion) with the highest relative concentration is Wood/Paper with a location quotient of 28.06. This cluster employs 554 workers in the region with an average wage of \$76,100. Employment in the Wood/Paper cluster is projected to contract in the region about 2.1% per year over the next ten years.

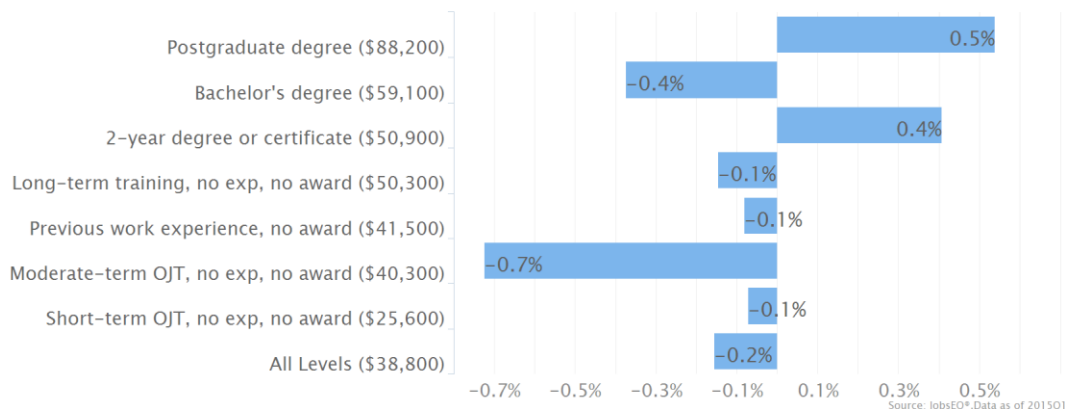


Location quotient and average wage data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics, imputed where necessary, and updated through 2014Q3 with preliminary estimates updated to 2015Q1. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.

Education Levels

Expected growth rates for occupations vary by the education and training required. While all employment in ZCTA 56649 (Koochiching County, MN portion) is projected to contract 0.2% over the next ten years, occupations typically requiring a postgraduate degree are expected to grow 0.5% per year, those requiring a bachelor's degree are expected to contract 0.4% per year, and occupations typically needing a 2-year degree or certificate are expected to grow 0.4% per year.

Annual Average Projected Job Growth by Training Required for ZCTA 56649 (Koochiching County, MN portion)



Employment by occupation data are estimates as of 2015Q1. Education levels of occupations are based on BLS assignments. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.

FAQ

What is a location quotient?

A location quotient (LQ) is a measurement of concentration in comparison to the nation. An LQ of 1.00 indicates a region has the same concentration of an industry (or occupation) as the nation. An LQ of 2.00 would mean the region has twice the expected employment compared to the nation and an LQ of 0.50 would mean the region has half the expected employment in comparison to the nation.

What is replacement demand?

Replacement demand is the number of jobs required due to replacements—retirements and turnover resulting from workers moving from one occupation into another. Note that replacement demand does not include all turnover—it does not include when workers stay in the same occupation but switch employers. The replacement demand shown in this report may also be understated; thus, it can be taken to be a minimum measure of the number of workers who will need to be trained for the occupation due to replacements. The total projected demand for an occupation is the sum of the replacement demand and the growth demand (which is the increase or decrease of jobs in an occupation expected due to expansion or contraction of the overall number of jobs in that occupation).

What is a cluster?

A cluster is a geographic concentration of interrelated industries or occupations. If a regional cluster has a location quotient of 1.25 or greater, the region is considered to possess a *competitive advantage* in that cluster.

What is the difference between industry wages and occupation wages?

Industry wages and occupation wages are estimated via separate data sets, often the time periods being reported do not align, and wages are defined slightly differently in the two systems (for example, certain bonuses are included in the industry wages but not the occupation wages). It is therefore common that estimates of the average industry wages and average occupation wages in a region do not match exactly.

What is NAICS?

The North American Industry Classification System (NAICS) is used to classify business establishments according to the type of economic activity. The NAICS Code comprises six levels, from the “all industry” level to the 6-digit level. The first two digits define the top level category, known as the “sector,” which is the level examined in this report.

What is SOC?

The Standard Occupational Classification system (SOC) is used to classify workers into occupational categories. All workers are classified into one of over 820 occupations according to their occupational definition. To facilitate classification, occupations are combined to form 23 major groups, 96 minor groups, and 449 occupation groups. Each occupation group includes detailed occupations requiring similar job duties, skills, education, or experience.

About This Report

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